

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	834	(robot robotic) and (tool adj holder)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/25 09:28
L3	171	l2 and (fill tube filling)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/25 09:28
S1	269	(901/16).CCLS.	USPAT	OR	OFF	2006/06/24 21:03
S2	8	("3076673"   "4005782"   "4591198").PN. OR ("6264419"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:05
S3	15	("4660274"   "4735776"   "4835707"   "5479969"   "5544683"   "5681530"   "5769775"   "6060022"   "6264419").PN. OR ("6458324").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:06
S4	20	("3151073"   "4332349"   "4927545").PN. OR ("5769775"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:09
S5	545	(414/751.1-749.6).CCLS.	USPAT	OR	OFF	2006/06/24 21:09
S6	19	("4231153"   "4480780"   "4573262"   "4624050"   "4631812"   "4875285"   "5002448"   "5115559"   "5191702"   "5233745"   "5323528"   "5410801"   "5456001"   "5541834"   "5692292"   "5711065"   "5740604"   "5743001"   "5743005").PN. OR ("6935017").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:10
S7	10	("3010587"   "4557370"   "4875931"   "4887446"   "5520502"   "5562196"   "5803231").PN. OR ("6073551").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:18
S8	46	"4582990" "5775755" "6068437" "6255614" "6662078"	USPAT; USOCR	OR	ON	2006/06/24 21:19
S9	67	"4582990" "5775755" "6068437" "6255614" "6662078" "5769775" "6111238" "6435582" "6455002" "6898549" "6589789" "6843357"	USPAT; USOCR	OR	ON	2006/06/24 21:20

## EAST Search History

S10	22	("3985508"   "4528159"   "4844887"   "5350564"   "5362648"   "5422075"   "5575976"   "5587129"   "5599501"   "5623415"   "5720377"   "5762872"   "5814276"   "5833925"   "5843376"   "5863506"   "5882594"   "5885529"   "5942694"   "5985214"   "6068437"   "6117683").PN. OR ("6919044").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:30
S11	10	("4913198"   "4976377"   "5660792"   "5769775"   "5835982"   "5985214"   "5993744"   "6387330"   "6455002"   "6539334").PN. OR ("6898549"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:30
S12	41	("20020021983"   "20030021728"   "20030049171"   "2967633"   "3724638"   "4582990"   "4798703"   "4861554"   "4898271"   "5207331"   "5209903"   "5306510"   "5380488"   "5411065"   "5428470"   "5439645"   "5443791"   "5538849"   "5735387"   "5833925"   "5853667"   "5876670"   "5902549"   "5972295"   "5985215"   "6019945"   "6040192"   "6080364"   "6117392"   "6220451"   "6261521"   "6426044"   "6440368"   "6444171"   "6451259"   "6455002"   "6458324"   "6521183"   "6522976"   "6599749").PN. OR ("6790413"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:30
S13	4	("4735776"   "5122343"   "5578269").PN. OR ("6589789"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:31
S14	21	("2524880"   "3012811"   "3652117"   "4262795"   "4379581"   "4492512"   "4694951"   "4930976"   "4974458"   "5102287"   "5255574"   "5260872"   "5306510"   "5397542"   "5536056"   "5589137"   "5735387"   "5775755"   "5814276").PN. OR ("6435582").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:25
S15	6	("4687895"   "5096670"   "5111855"   "5132504"   "5436432"   "5792421").PN. OR ("6111238"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:31

## EAST Search History

S16	15	("5233844"   "5417922"   "5529166"   "5589137"   "5735387"   "5941366"   "6010016").PN. OR ("6068437").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:31
S17	20	("3151073"   "4332349"   "4927545").PN. OR ("5769775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:32
S18	20	("3115966"   "3322958"   "3432049"   "3644095"   "4582990"   "4699766"   "4785407"   "4844868"   "4861553"   "4919887"   "5066135").PN. OR ("5762872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:32
S19	40	("3526480"   "3556731"   "3635094"   "3764041"   "3902971"   "3951605"   "3960020"   "3994687"   "4154795"   "4228831"   "4318885"   "4403687"   "4431924"   "4499053"   "4510119"   "4528159"   "4545958"   "4555957"   "4582990"   "4586546"   "4595562"   "4635665"   "4643879"   "4678894"   "4681742"   "4701754"   "4727033"   "4730631"   "4803050"   "4871682"   "4902626"   "4952518"   "5055408"   "5096670"   "5104621"   "5175086").PN. OR ("5650122").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:32
S20	431	("3985508"   "4528159"   "4844887"   "5350564"   "5362648"   "5422075"   "5575976"   "5587129"   "5599501"   "5623415"   "5720377"   "5762872"   "5814276"   "5833925"   "5843376"   "5863506"   "5882594"   "5885529"   "5942694"   "5985214"   "6068437"   "6117683"   "6919044")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:30
S21	208	("4913198"   "4976377"   "5660792"   "5769775"   "5835982"   "5985214"   "5993744"   "6387330"   "6455002"   "6539334"   "6898549")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:30

## EAST Search History

S22	540	("20020021983"   "20030021728"   "20030049171"   "2967633"   "3724638"   "4582990"   "4798703"   "4861554"   "4898271"   "5207331"   "5209903"   "5306510"   "5380488"   "5411065"   "5428470"   "5439645"   "5443791"   "5538849"   "5735387"   "5833925"   "5853667"   "5876670"   "5902549"   "5972295"   "5985215"   "6019945"   "6040192"   "6080364"   "6117392"   "6220451"   "6261521"   "6426044"   "6440368"   "6444171"   "6451259"   "6455002"   "6458324"   "6521183"   "6522976"   "6599749" "6790413")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:30
S23	48	("4735776"   "5122343"   "5578269" "6589789")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:31
S24	139	("4687895"   "5096670"   "5111855"   "5132504"   "5436432"   "5792421" "6111238")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:31
S25	127	("5233844"   "5417922"   "5529166"   "5589137"   "5735387"   "5941366"   "6010016" "6068437")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:31
S26	88	("3151073"   "4332349"   "4927545" "5769775")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:32
S27	245	("3115966"   "3322958"   "3432049"   "3644095"   "4582990"   "4699766"   "4785407"   "4844868"   "4861553"   "4919887"   "5066135" "5762872")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:32
S28	1233	("3526480"   "3556731"   "3635094"   "3764041"   "3902971"   "3951605"   "3960020"   "3994687"   "4154795"   "4228831"   "4318885"   "4403687"   "4431924"   "4499053"   "4510119"   "4528159"   "4545958"   "4555957"   "4582990"   "4586546"   "4595562"   "4635665"   "4643879"   "4678894"   "4681742"   "4701754"   "4727033"   "4730631"   "4803050"   "4871682"   "4902626"   "4952518"   "5055408"   "5096670"   "5104621"   "5175086" "5650122")	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:33

## EAST Search History

S29	938	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and (read indentify indentification)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:38
S30	836	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and (read indentify indentification)	USPAT; USOCR	OR	ON	2006/06/24 21:35
S31	1	"767811" and bottom	US-PGPUB	OR	ON	2006/06/24 21:36
S32	3	(tube with bottom) and S29	US-PGPUB	OR	ON	2006/06/24 21:37
S33	56	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and ((read with bottom)(bottom with indentify)(bottom with indentification))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:50
S34	47	("3680967"   "4055396"   "4751186"   "5008082"   "5348705"   "5357095"   "5401110"   "5417922"   "5420408"   "5427743"   "5450385"   "5578272"   "5597733").PN. OR ("5663545").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:45
S35	2	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and ((fill with pick)(fill with grab))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:51
S36	0	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and ((fill and exchangeable))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:51
S37	6	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and (fill and exchangeable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:52
S38	0	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and (fill with exchangeable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:52
S39	0	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and (grab with exchangeable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:54
S40	22	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and (exchangeable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 22:15
S41	12	("4598840"   "5055263"   "5497670"   "5645723"   "5660792"   "5736105"   "5770860").PN. OR ("6506611").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 21:55

## EAST Search History

S42	89	("3687632"   "4223558"   "4327595"   "4341736"   "4351799"   "4452899"   "4456037"   "4459864"   "4478094"   "4586546"   "4593837"   "4632808"   "4679446"   "4734261"   "4757437"   "4785677"   "4803050").PN. OR ("5055263").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 22:11
S43	87	(robot robotic) and (interchangeable) and S29/\$.ccls.	USPAT; USOCR	OR	ON	2006/06/24 22:14
S44	2	(robot robotic) and (interchangeable with fill)	USPAT; USOCR	OR	ON	2006/06/24 22:14
S45	126	(S20 S21 S22 S23 S24 S25 S26 S27 S28) and (interchangeable)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/24 22:16
S46	1	("4701754").PN.	USPAT	OR	OFF	2006/06/25 09:23